

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of work: Improvements to Roads and Drains at Basavalingappanagar in Ward No.05, Bvataravanapura Sub Division

		Estimate Cost Rs.						4900000.00	
SI No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-1.1: Earth work in surface excavation in ordinary soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, Specification No KBS 2.1(a) / 2.3.1,P. No. 5/ Item No. 2.1/ PWD SR 2014-15	cum							
	Desilting of Drain								
	2nd Cross Left Side BalajiKurpa layout		2	150.00	0.40	0.35	42.00		
	2nd Cross Right Side BalajiKurpa layout		2	144.00	0.40	0.30	34.58		
	4th Cross Left Side BalajiKurpa layout		2	120.00	0.40	0.35	33.60		
	4th Cross Right Side BalajiKurpa layout		2	150.00	0.40	0.30	36.00		
	7th Cross Left Side		2	142.00	0.40	0.30	34.08		
	Basavalingappangara Cross Road		2	141.00	0.40	0.35	39.48		
	Basavalingappangara Main Road		2	213.00	0.40	0.35	59.64		
	Balaji Kurpa layout Main Road		2	140.00	0.40	0.35	39.31		
	Berm Cutting								
	2nd Cross Left Side BalajiKurpa layout		2	150.00	1.00	0.15	45.30		
	2nd Cross Right Side BalajiKurpa layout		2	144.00	1.00	0.15	43.20		
	4th Cross Left Side BalajiKurpa layout		2	120.00	1.00	0.15	36.00		
	4th Cross Right Side BalajiKurpa layout		2	150.00	1.00	0.15	45.00		
	7th Cross Left Side		2	142.00	1.00	0.15	42.60		
	Basavalingappangara Cross Road		2	141.00	1.00	0.15	42.30		
	Basavalingappangara Main Road		2	213.00	1.00	0.15	63.90		
	Balaji Kurpa layout Main Road		2	140.00	1.00	0.15	42.00		
							679.00	146.88	99732.00
	Basic Rate	136.00							
	Area Weightage @ 8%	10.88							
	Total	146.88							
2	Removing B.S Slab of Drain and stacking Page No.25/ Item No. 5.32/ PWD SR 2014-15	Sqm							
	2nd Cross Left Side BalajiKurpa layout		2	150.00	1.65		495.00		
	2nd Cross Right Side BalajiKurpa layout		2	144.00	1.65		475.20		
	4th Cross Left Side BalajiKurpa layout		2	150.00	1.65		495.00		
	4th Cross Right Side BalajiKurpa layout		2	150.00	1.65		495.00		
	Balaji Kurpa layout Main Road		2	142.00	1.65		468.60		
	7th Cross Left Side		2	150.00	1.65		495.00		
	Basavalingappangara Cross Road		2	129.00	1.65		425.70		
	Basavalingappangara Main Road		2	215.00	1.65		709.50		
							4059.00		
	Deduct 20% Missing Slabs						811.80		
							3247.20	58.32	189377.00
	Basic Rate	54.00							
	Area Weightage @ 8%	4.32							

SI No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Total	58.32							
3	Refixing stone slabs of drains and pointing in C.M (1:3) Page No. 25/ Item No. 5.33/ PWD SR 2014-15	Sqm							
			Qty Vide Item No.3				3247.20		
							3247.20	75.60	245488.00
	Basic Rate	70.00							
	Area Weightage @ 8%	5.60							
	Total	75.60							
4	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc, complete -do- 7.5 cms thick Page No.25/ Item No. 5.31.1/ PWD SR 2014-15	Sqm							
	For Missing slabs (20%)		Missing Slabs				811.80		
							811.80	639.36	519032.00
	Basic Rate	592.00							
	Area Weightage @ 8%	47.36							
	Total	639.36							
5	KSRRB M400-17: Providing, laying spreading and compacting graded stones aggregate to wet mix macadam specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying, in uniform layers with paver in sub base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH specification NO. 406,P No. 154/ Item No. 20.18/ PWD SR 2014-15	Cum							
	2nd Cross Left Side BalajiKurpa layout		1	150.00	5.50	0.20	165.12		
	2nd Cross Right Side BalajiKurpa layout		1	145.00	5.50	0.20	159.41		
	4th Cross Left Side BalajiKurpa layout		1	150.00	5.50	0.20	164.88		
	4th Cross Right Side BalajiKurpa layout		1	150.00	5.00	0.20	150.12		
	5th Cross Left Side BalajiKurpa Layout		1	14.50	5.80	0.25	21.03		
	7th Cross Right Side Balaji kurpa layout		1	141.00	5.00	0.20	141.11		
	Balaji Kurpa layout Main Road		1	142.00	8.30	0.15	178.57		
	Basavalingappangara Cross Road		1	142.00	5.00	0.15	109.39		
	Hegadenagara main Road to Basavalingppanagara		1	220.00	3.15	0.20	141.37		
	Basavalingappanagara Main Raod		1	180.00	3.95	0.20	144.99		
							1376.00	1438.56	1979459.00
	Basic Rate	1332.00							
	Area Weightage @ 8%	106.56							
	Total	1438.56							

SI No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
6	KSRRB 500-4: providing and applying primer coat from 7.5 to 9.8 kg and 9.8 to 12.2kg per 10 sqm for surfaces of low and medium porosity respectively over prepared surface of granular base with cut bank M.C-70 or any other bitumen mixed with diesel at 10 kg per 10 sqm heated in bitumen boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications Do- Medium Porosity MORTH chapter 5, No. 175/ Item No. 21.4/ PWD SR 2014-15	Sqm							
	2nd Cross Left Side BalajiKurpa layout		1	150.00	5.50		825.60		
	2nd Cross Right Side BalajiKurpa layout		1	145.00	5.50		797.07		
	4th Cross Left Side BalajiKurpa layout		1	150.00	5.50		824.40		
	4th Cross Right Side BalajiKurpa layout		1	150.00	5.00		750.60		
	5th Cross Left Side BalajiKurpa Layout		1	14.50	5.80		84.11		
	7th Cross Right Side Balaji kurpa layout		1	141.00	5.00		705.56		
	Balaji Kurpa layout Main Road		1	142.00	8.30		1178.60		
	Basavalingappangara Cross Road		1	142.00	5.00		710.34		
	Hegadenagara main Road to Basavalingppanagara		1	220.00	3.15		693.00		
	Basavalingappanagara Main Raod		1	180.00	3.95		710.72		
							7280.00	31.32	228010.00
	Basic Rate	29.00							
	Area Weightage @ 8%	2.32							
	Total	31.32							
7	KSRRB M500-18: Providing and laying semi dense bituminous concrete 25mm thick with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desired compaction as per MORTH specifications clause No. 500.8 complete in all respects as per specifications. P. No. 174/ Item No. 21.20/ PWD SR 2014-15	Cum							
	2nd Cross Left Side BalajiKurpa layout		1	150.00	5.50	0.025	20.64		
	2nd Cross Right Side BalajiKurpa layout		1	145.00	5.50	0.025	19.93		
	4th Cross Left Side BalajiKurpa layout		1	150.00	5.50	0.025	20.61		
	4th Cross Right Side BalajiKurpa layout		1	150.00	5.00	0.025	18.77		
	5th Cross Left Side BalajiKurpa Layout		1	14.50	5.80	0.025	2.10		
	7th Cross Right Side Balaji kurpa layout		1	141.00	5.00	0.025	17.64		
	Balaji Kurpa layout Main Road		1	142.00	8.30	0.025	29.47		
	Basavalingappangara Cross Road		1	142.00	5.00	0.025	17.76		
	Hegadenagara main Road to Basavalingppanagara		1	220.00	3.15	0.025	17.33		
	Basavalingappanagara Main Raod		1	180.00	3.95	0.025	17.77		
							182.00	8475.84	1542603.00
	Basic Rate	7848.00							
	Area Weightage @ 8%	627.84							
	Total	8475.84							

S/No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
8	Lead for Disposal of Debris shall be payable at carage rates by Mechanical means including loading and unloading. From 0.00 to 2.00 Km (Page No.123,	Cum							
							Qty. Vide Item No. 1	679.00	
								679.00	68.12 46253.00
	Basic Rate Lead Charges Upto 2.00 Kms	5.12							
	PWD SR 2014-15 (P.130/I.17.1) For loading and unloading	63.00							
	Total	68.12							
							Grand Total		4849954.00
9	For 1% Third Party Charges								48500.00
10	Miscellaneous Charges	L/S							1546.00
							Total		4900000.00

Rupees Forty Nine Lakh(s) Only

CERTIFICATE

- 1 The work spot has been inspected and the work is found necessary.
- 2 This estimate is prepared as per PWD SR of 2014-15
- 3 The provisions were made in this estimate are necessary and adequate.
- 4 This works come under B.B.M.P. limits.

Assistant Engineer
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Executive Engineer
Byatarayanapura Division
Bruhat Bangalore Mahanagara Palike

Assistant Executive Engineer
Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore

Technical Sanction
Accorded For 49.00 lakhs.
Head of A/C P-3089
CER NO : 20 Dt: 21.8.15

TA CE (YNK)

ADMINISTRATIVELY SANCTIONED FOR Rs. 49.00 lakhs

Rupees Forty nine lakhs only

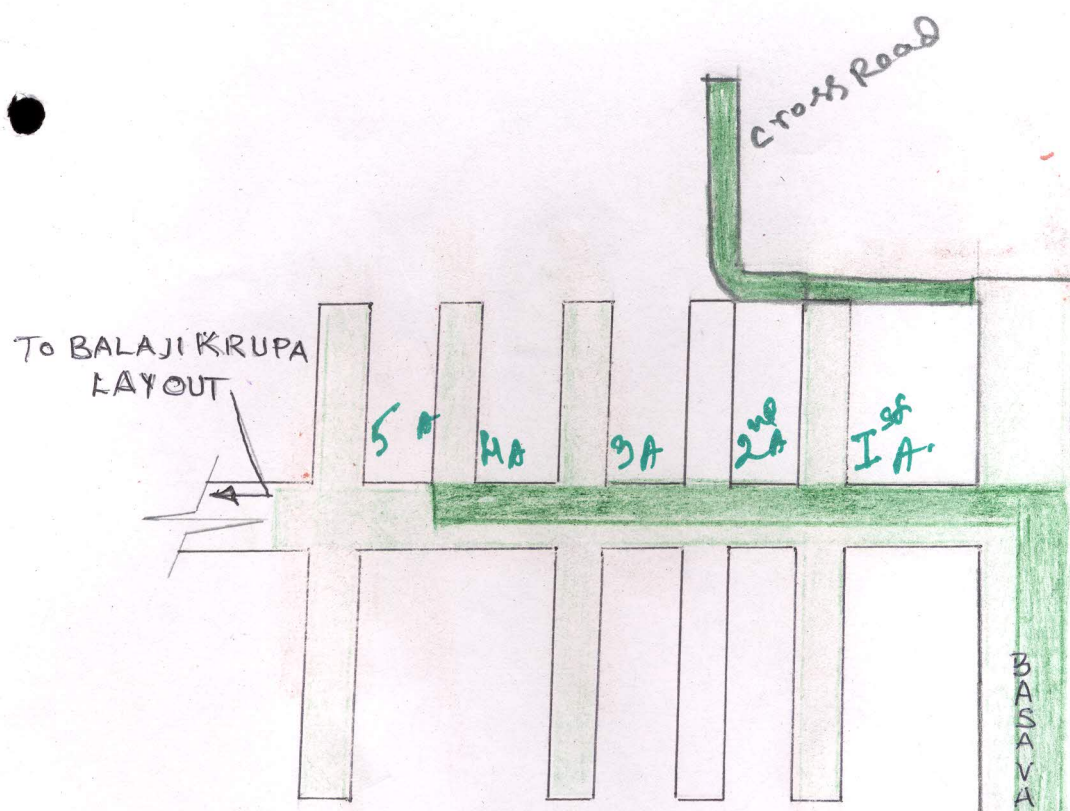
Under P-3089

Registered as EE () No 3 9...
Subject to conditions contained in
enclosed memo EE () No 101...

Dt 20/8/2015 Estimate A/Sanctioned
dated 20/8/2015 No 09/15-16
Rs 49.00 lakhs

Joint Commissioner
(Yelahanka Zone)
BBMP, Bengaluru-92

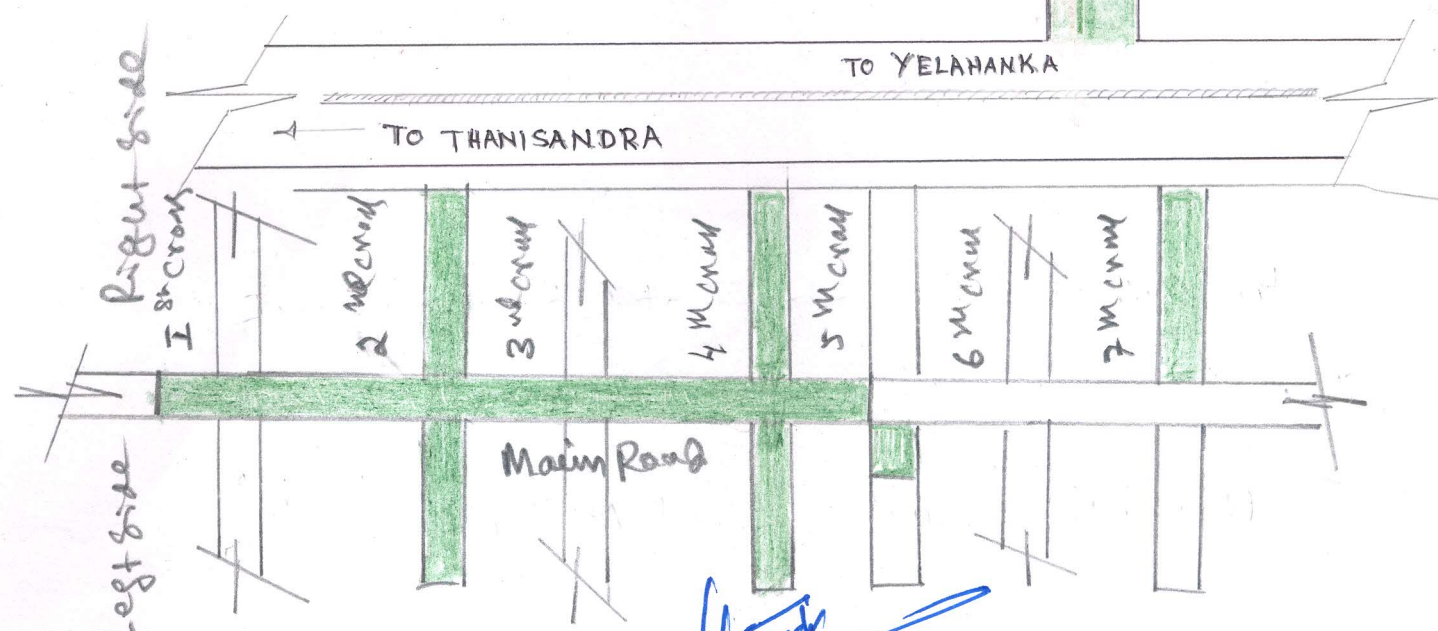
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Proposed Asphalt work

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PROPOSED ASPHALT (S.D.B.C)



Assistant Executive Engineer
Syataryanapura Sub Division
S.B.M.P. Bangalore

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